2: Krige and Krige E-5 (1928-1939)1943
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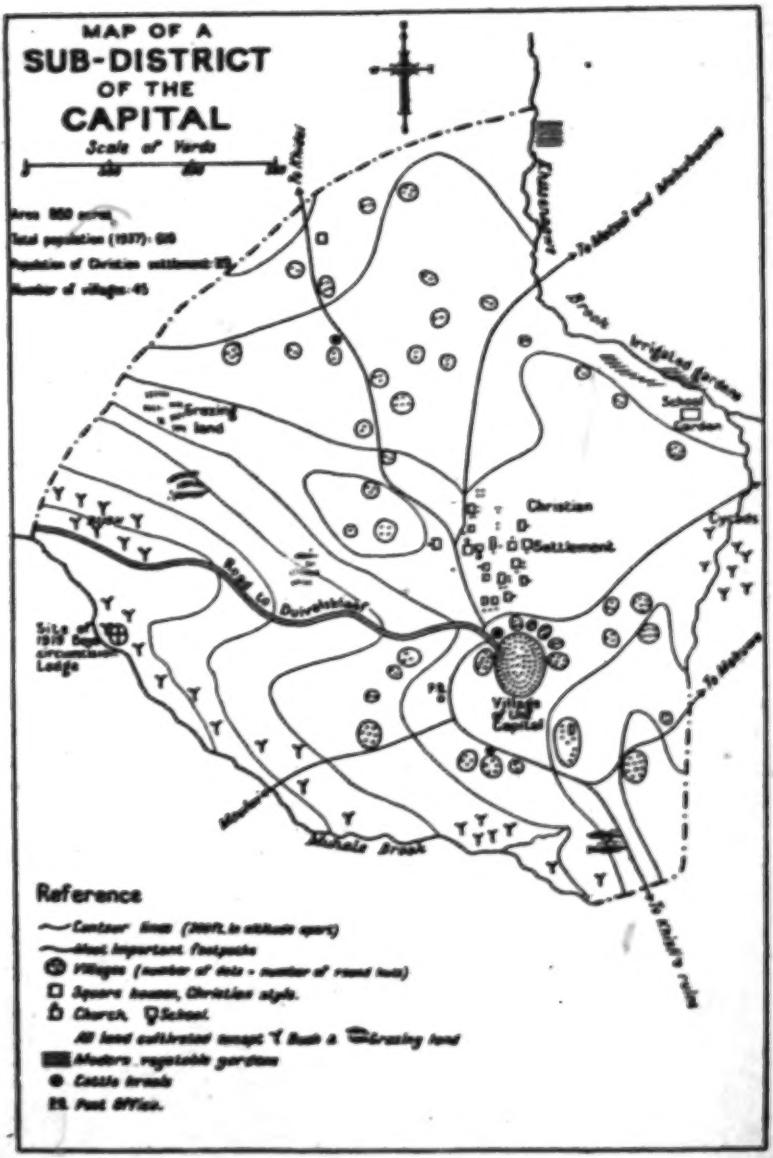

[p.16]

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More thorough ploughing and a revival of the interest men used to have in agriculture would make the balance swing evenly. A man should not feel, as he tends to do to-day, that he pulls his full weight if he goes out periodically to earn wages, ploughs the fields, discusses cases, and builds huts. He has plenty of time to take a larger part in agriculture, as he did in the old days and as many of the older men still do.

Ploughing has brought about many other changes. It has necessitated clearing of the stumps and stones, and broken down to a large extent the old contour-terracing. This has accelerated erosion, which was in any case inevitable owing to the overstocking, just as overstocking is inevitable, not because men keep many cattle, but because of the density of the population. Erosion impoverishes the soil and over-use exhausts it. The result is that the initial benefits of the plough, which made larger gardens and better cultivation possible, are gradually being turned into liabilities. Every one will tell you that crops are more abundant to-day than in the old days; but the price is already heavy, and as the quality of the soil gets worse it will be increasingly heavier. Variety, the single-crop field, rotation of crops have gone. The planting season is much later and less concentrated in the months of October to December than in the old days, for ploughing is a rapid process as compared with hoeing, and one can avail oneself of good rains even as late as the middle of February. Late ploughing is not always deliberate; the small number of available ploughs and, more serious, the inadequacy of the draught animals, are equally responsible. The distribution of these resources is effected by various forms of co-operation, mostly partnerships in which one supplies labour, another the plough, and still another the cattle or donkeys. These partnerships, though patterned upon old forms of co-operation, have to take account of new factors, economic rather than social, and lead to new alinements in the society. Overstocking and ploughing have contributed to the silting up with useless sand of the old riverside gardens. Their original purpose, which was to tide men over the scarcity in the months November to February, partly fell away when ploughing brought a measure of abundance, but now that the old needs are reasserting themselves these gardens are destroyed. In their place the new Europeanized gardens, irrigated by furrows along the upper stretches of the smaller streams, have arisen, but the incentives that stimulate this new experiment are somewhat different: the gardens are for profit, not for providing an advance crop. The effects of ploughing may be pursued in many directions: it has emphasized the economic as against the purely social value of cattle, at the same time eliminating milk from the diet of adults; it has to some extent militated against husbanding the food resources; it has stimulated excessive drinking of beer; and it has released a large amount of energy for which there is little creative outlet.

For the present, agriculture is in unstable equilibrium. Every adult still has his own field, but the extreme limit of land available for cultivation has been reached. Limitation of stock can no longer ease the situation, as the chief evil is not overstocking but over-population. About 80 per cent. of the entire soil is arable land, at present or in the near past put under cultivation; as much as 80 per cent. of this land is

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241 annually tilled, though the actual extent varies considerably according
[31[to the vagaries of the weather, the surplus in the granaries, the availability of implements and animals, and other factors. We do not think that in present conditions the absence of man-power in the towns is a material
241 factor. On the contrary the man-power available is more than sufficient
464 as long as present methods are employed. The introduction of the plough has liberated more energy than is absorbed by work among Europeans; the number of inactive men has increased rather than decreased. It is the shortage of animals and implements, rather than of men, that is most impressive. Even European labour and European ploughs and cattle are employed by the Natives; they come from the neighbouring farms and can do the work more economically than the Native with his inadequate resources. But it is not lack of human material, it is the impossibility of making the ploughs and animals go round, that necessitates such ex-
241 pedients. In the companies and partnerships, those who contribute the
476 essentials, the cattle or the ploughs, are the dominant partners, and the others must often wait until late in the season before their needs can be attended to. The partnerships thus lead to tensions and strife, and hiring of services is becoming more popular. Yet on the whole the system works with remarkable smoothness. If it worked perfectly, the Natives would realize much more forcibly that it is not lack of industry that, as they think, is at the bottom of their troubles, but the inadequacy of the land and of their material resources.

231 Although animal husbandry ranks as a very poor second economic activity, it is still of sufficient importance to warrant a few remarks even in such a general account as this. Pastoral activities are not arduous; in the old days they were worthy of the metal of adult men who went armed
[422] to herd the cattle and supervised the milking. But to-day children herd and there are practically no cows to be milked. Cattle are individually owned both by men and women, but the kind of ownership, except in the case of some 15 per cent., is entirely different from what we understand by the word. For the vast majority of cattle are linked to the chain of *munyacalo* (bride-price) exchanges and as such the individual's rights over them are subject to many restrictions. The primary value to the
[242 Natives of cattle is not economic, but social; he regards cattle as food
782] only in the last resort, though there is no taboo against killing them. Cattle are not killed as sacrifices. Ownership of cattle is not the chief or
[554] even a very important method of reckoning status. A man will complain, not because he has no cattle, but because he cannot brew beer to maintain his prestige. The dung of cattle is used for smearing, cattle that die are eaten, and cattle are killed in time of starvation so that the meat can be exchanged for mealies. But cattle are, generally speaking, much too large units of value to be of use in economic exchanges. Finally, the needs of cattle do not determine the routine of the day. They are taken out late, after the dew has dried and the herdboys have had their morning meal; and they come back almost unnoticed without disturbing the arrangements of the village. In a sense, however, their needs set limits to the harvesting season; crops which are not reaped by the beginning of July are practically at their mercy. Yet, despite all this, cattle are regarded

5:Krige E-5 (1936-1938,1961-1962) 1964
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their right to their lands. It is usual for people to 'beg' fields also in areas other than that in which they are living, partly to take advantage of diverse climatic conditions, partly because of land shortage; but their right to these is not as strong as to fields in their home district. Land shortage has not yet reached serious proportions owing to the fact that since the 1920's the tribe has been buying up sparsely populated Crown lands to the north. Grazing and the right to collect wood, thatching grass, wild fruits and plants for economic use are free to all, though herd-boys jealously guard good pastures in their own areas to which they feel they have first right.

Livestock takes the form chiefly of cattle and goats; fowls, still forbidden at the Capital, were introduced by the Tsonga; donkeys and pigs are a European innovation, the former being popular among Christians for use in ploughing and transport, the latter being kept largely by women for exchange purposes. Though of considerable economic importance cattle play little part in the diet of the people, being used mainly for ritual purposes and as bride-price. They move in a chain of marriage exchanges from one family to another, creating and maintaining social links and knitting together in preferred marriage the descendants of brothers and sisters. It was calculated in 1939 that bride-price accounted for 95 per cent of all transfers of cattle in the Lobedu tribe.[1] Cattle coming in as bride-price are not supposed to be used for any other purpose than marriage for, unlike the Zulu who kept large herds, constantly replenished in the old days by raids against neighbours, most Lobedu families do not possess cattle except for short periods of time.

Lobedu ideas of property and their attitude to its possession and accumulation are rather different from ours. The correct use of cattle in Lobedu eyes lies not in accumulation but in their investment in 'building a house', i.e., setting up a new social and economic unit of a wife and children. Surplus crops, similarly, are not accumulated but are generally consumed in a succession of after-harvest beer parties in honour of kin and affines which adds considerably to one's prestige. This, so often cited as evidence of wastefulness and lack of foresight is, in the absence of any really reliable termite- or pest-proof form of storage (which makes accumulation risky), a means of insur-

[1] Krige, J. D., 1939, p. 296.